

Arsenic Technology Demonstration Site - Round 2

Utility:	United Water System	Population	4,000
Address:	1004 Twin Oak Drive Arnaudville, LA 70512	Contact person:	Joseph Trahan 337/ 754-5951
Site location:	Well 1 & Well 2 1004 Twin Oak Drive	Source water:	Ground water
Max daily flow:	Well 1 292 gpm Well 2 292 gpm	Enclosed building space:	None
Existing treatment:	Aeration, Cl ₂ , filtration, IX softening, blending, post Cl ₂ , phosphate		
Disposal option(s):	Backwash pit		

Analysis	Well 1 mg/L	Well 2 mg/L	Dist. System	Analysis	Well 1 mg/L	Well 2 mg/L	Dist. System
Total As	0.018	0.024	0.019	pH - Units	7.3	7.2	
As III	NA	NA		Ca	NA	NA	
As V	NA	NA		Mg	NA	NA	
Fe	1.84	1.63	0.07	Na	27	15	113
Mn	0.11	0.10		Chloride	42	6	
PO ₄ - P	NA	NA		Hardness as CaCO ₃	167	156	59
SiO ₂	NA	NA		T. Alkalinity as CaCO ₃	309	315	
SO ₄	0.3	0.6		TOC	TOC	NA	

NA = Not available

ND = Non detectable